

Command Set

The Wireless LAN functions and commands are easily understood and implemented. This is the easiest-to-use WLAN command set of any comparative WLAN embeddable device.

These commands are used with Automated Command Mode and Interactive Command Mode.

The next page also has a Summary of Commands – Listed by Function Category

Summary of Commands – Listed Alphabetically

(This is a Summary List and these commands are explained in further detail with more detailed actual functioning examples further down in this document.)

AA x	Where x is the authentication: A=Auto, S=Shared Key, O=Open
BAUD x	Where x is serial port baud rate, 0=115200, 1=57600, 2=38400, 3=9600
CHAN x	Where x is the channel setting 1-14
DEF	Restores all settings to Factory Default
DHCP x	Where x is the DHCP setting: 1=ON 0=OFF
EXIT	Exits Command Mode but DOES NOT SAVE CHANGES
FCTL x	Where x is Serial Flow Control setting, 1=ON, 0=OFF
GW xxx.xxx.xxx.xxx	Where x is the Gateway of this device
HELP	Displays list of all available Commands along with abbreviated format
IP xxx.xxx.xxx.xxx	Where x is the IP of this device
LIST	Displays alphabetic readout of all Mini-b Settings
MAC	Read-Only command that reads out the unique MAC address
MASK xxx.xxx.xxx.xxx	Where x is the Network Mask of this device
MODE x	Where x Network Mode x = a(ad hoc), b(infrastructure), p(Pseudo IBSS)
PORT xxxxx	Where x is TCP Serial Port Number (Default value is "1234")
PSMOD x	Where x is the power saving mode: 1=ON 0=OFF
RATE x	Where x is the Tx rate, 1,2,5,11 mbps
RES	Reset as if a Hardware reset was applied
RIP xxx.xxx.xxx.xxx	Where x is Server Target Remote IP when this device is in Client mode.
RPORT xxxxx	Where x is Server Target Remote PORT when this device Client mode.
RMODE x	Where x is CLIENT or SERVER setting for this device
SAVE	SAVE Command
SetUpWLAN	Gatekeeper Command Entry String
SSID xxxxxxxxx	Where x is the multi-character SSID network name
VER	Read-Only returns Software Version Number
WEP x	Where x is WEP key 0=OFF, 1=64bit, 2=128bit
WK x yyyyyyyyyy	Load WEP Encryption Key into WEP buffers 1, 2, 3 or 4
WKID x	Where x is the Buffer of the WEP encryption key in use 1, 2, 3 or 4

Summary of Commands – Listed by Functional Category

(These commands are explained in detail with more detailed functioning examples further in this document.)

Network Commands

IP xxx.xxx.xxx.xxx	Where x is the IP of this device
MASK xxx.xxx.xxx.xxx	Where x is the Network Mask of this device
GW xxx.xxx.xxx.xxx	Where x is the Gateway of this device
DHCP x	Where x is the DHCP setting: 1=ON 0=OFF

Wireless LAN Commands

CHAN x	Where x is the channel setting 1-14
MODE x	Where x Network Mode x = a(ad hoc) b(infrastructure) p(Pseudo IBSS)
SSID xxxxxxxxx	Where x is the multi-character SSID network name
RATE x	Where x is the Tx rate, 1,2,5,11 mbps
WEP x	Where x is WEP key 0=OFF, 1=64bit, 2=128bit
WK x yyyyyyyyyy	Load WEP Encryption Key into WEP buffers 1, 2, 3 or 4
WKID x	Where x is the Buffer of the WEP encryption key in use 1, 2, 3 or 4
AA x	Where x is the authentication: A=Auto, S=Shared Key, O=Open

Serial Port Commands

BAUD x	Where x is serial port baud rate, 0=115200, 1=57600, 2=38400, 3=9600
FCTL x	Where x is Serial Flow Control setting, 1=ON, 0=OFF
PORT xxxxx	Where x= TCP Serial Port Number (Default value is "1001")

Server/Client Settings

RMODE x	Where x is CLIENT or SERVER setting for this device
RIP xxx.xxx.xxx.xxx	Where x is Server Target Remote IP when this device is in Client mode.
RPORT xxxxx	Where x is Server Target Remote PORT when this device Client mode.

Enter Command Mode

SetUpWLAN	Gatekeeper Command Entry String
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Exit and Save Settings Commands

EXIT	Exits Command Mode but DOES NOT SAVE CHANGES
SAVE	SAVE Command (Saves only but does not Exit Configuration Mode.)
SE	SAVES and EXITS Command Mode simultaneously

Other Commands

PSMOD x	Where x is the power saving mode: 1=ON 0=OFF
RES	Reset as if a Hardware reset was applied
DEF	Restores all settings to Factory Default
MAC	Read-Only command that display the unique MAC address
VER	Read-Only command returns Firmware Version Number
HELP	Displays list of all available Commands along with abbreviated format
LIST	Displays alphabetic readout of all Mini-b Settings